

**MATERIAL SAFETY DATA SHEET**

Printed: 3/12/03

**KYNAR® HOMOPOLYMER****PRODUCT IDENTIFICATION AND USE**

MANUFACTURER: ATOFINA CANADA INC.  
700 THIRD LINE  
OAKVILLE, ONTARIO  
L6J 5A3

EMERGENCY PHONE NUMBER: (905) 827-9841 (ATOFINA)  
(613) 996-6666 (CANUTEC)

PRODUCT IDENTIFIER: KYNAR® HOMOPOLYMER –  
301F - PWD PVDF, 460 - PLT PVDF, 460 RED PLT PVDF,  
461 - PWD PVDF, 500 - PWD PVDF, 710 - PLT PVDF,  
720 - PLT PVDF, 740-02 PLT PVDF, 740 - PLT PVDF,  
740 RED PLT PVDF, 741 - PWD PVDF, 761A - PWD PVDF,  
1000 HD PLT PVDF, 6000 HD PLT PVDF, 9000 HD - PLT

PRODUCT CODE: AP9225

PRODUCT USE: FLUOROPOLYMER – DIVERSE APPLICATIONS

WHMIS CLASSIFICATION: NOT CONTROLLED

**HAZARDOUS INGREDIENTS**

	PERCENT	CAS #	TLV
NA			

ADDITIONAL INGREDIENT INFORMATION (WHMIS NOT CONTROLLED):  
POLYVINYLIDENE FLUORIDE.

**PHYSICAL DATA**

PHYSICAL STATE: PELLETS

ODOUR AND APPEARANCE: ODOURLESS TRANSLUCENT POWDER OR PELLETS

ODOUR THRESHOLD: NE

SPECIFIC GRAVITY/DENSITY (G/ML): 160 -180

VAPOUR PRESSURE: NE

VAPOUR DENSITY (AIR=1): NE

VOLATILITY/VOL(%): NE

SOLUBILITY IN H2O: NE

EVAPORATION RATE: NEGLIGIBLE

BOILING POINT: NE

FREEZING POINT: NE

PH: 155-172°C (MELTING POINT)

LOG KOW: NE

**SHIPPING INFORMATION**

THIS PRODUCT IS NOT TDG REGULATED.

**FIRE AND EXPLOSION HAZARD**

FLAMMABILITY: NOT FLAMMABLE.

CONDITIONS: WILL BURN AT ELEVATED TEMPERATURES.

MEANS OF EXTINCTION: WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL

FLASHPOINT: NE

UPPER EXPLOSION LIMIT (% V): NA

LOWER EXPLOSION LIMIT (%V): NA

AUTO-IGNITION TEMPERATURE: NE

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HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON, HYDROGEN FLUORIDE (HF).  
EXPLOSION DATA: NE  
SENSITIVITY TO IMPACT: NE  
SENSITIVITY TO STATIC DISCHARGE: AVOID ACCUMULATION OF STATIC ELECTRICITY AND POSSIBLE FORMATION OF DUST DURING TRANSFER OF POWER INTO METALLIC INSTALLATIONS. PROVIDE GROUNDING.

**REACTIVITY**

CHEMICAL STABILITY: STABLE  
INCOMPATIBLE MATERIALS: STRONG BASES, ESTERS, KETONES, SILICA, TITANIUM DIOXIDE CAN REACT VIOLENTLY AT HIGH TEMPERATURE.  
CONDITIONS OF REACTIVITY: NE  
HAZARDOUS DECOMPOSITION PRODUCTS: HYDROFLUORIC ACID EVOLVED AT >315°C.

**HEALTH HAZARD INFORMATION**

ROUTE OF ENTRY  
SKIN CONTACT: MOLTEN MATERIAL MAY CAUSE BURNS.  
SKIN ABSORPTION: NE  
EYE: FUMES FROM MOLTEN MATERIAL MAY CAUSE IRRITATION.  
INGESTION: MAY CAUSE GASTRO-INTESTINAL IRRITATION.  
INHALATION: TOXIC DECOMPOSITION VAPOURS EVOLVED AT >315°C.  
ACUTE OVER EXPOSURE EFFECTS: NE  
CHRONIC OVER EXPOSURE EFFECTS: NE  
SENSITIZATION: DOES NOT MEET WHMIS CRITERIA.  
CARCINOGENICITY: DOES NOT MEET WHMIS CRITERIA.  
TERATOGENICITY: DOES NOT MEET WHMIS CRITERIA.  
MUTAGENICITY: DOES NOT MEET WHMIS CRITERIA.  
REPRODUCTIVE TOXICITY: DOES NOT MEET WHMIS CRITERIA.

**PREVENTIVE MEASURES**

PERSONAL PROTECTIVE EQUIPMENT: WEAR SAFETY GLASSES AND USE IMPERVIOUS GLOVES.  
SPECIFIC ENGINEERING CONTROLS: LOCAL EXHAUST IS RECOMMENDED.  
LEAK AND SPILL PROCEDURES: SWEEP OR SCOOP UP AND PLACE IN A CLOSED CONTAINER.  
WASTE DISPOSAL: CONSULT FEDERAL OR LOCAL AUTHORITIES FOR APPROVED DISPOSAL METHODS.  
HANDLING PROCEDURES AND EQUIPMENT: WASH BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR REST ROOMS.  
STORAGE REQUIREMENTS: KEEP IN A CLOSED, LABELED CONTAINER IN A VENTILATED AREA.

**FIRST AID MEASURES**

EYE FLUSH EYES WITH LARGE AMOUNT OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.  
SKIN WASH SKIN WITH WATER AND SOAP. SEEK MEDICAL ATTENTION IF IRRITATION OCCURS OR PERSISTS.  
INGESTION DO NOT GIVE LIQUIDS IF PERSON IS UNCONSCIOUS OR VERY DROWSY. OTHERWISE GIVE TWO GLASSES OF WATER OR MILK AND SEEK IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING.  
INHALATION REMOVE PERSON TO FRESH AIR IMMEDIATELY. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN IF NECESSARY. SEEK MEDICAL

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ATTENTION.

PREPARATION DATE	
PREPARED BY:	TECHNICAL DEPARTMENT.
PHONE NUMBER OF PREPARER:	905-827-9841
DATE PREPARED (MM/DD/YY):	08/21/94
DATE REVISED (MM/DD/YY):	03/10/03

MINIMUM CONTACT WITH THIS AND ALL CHEMICALS IS RECOMMENDED AS A GOOD GENERAL POLICY TO FOLLOW.

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